Sheet <u>1</u> of <u>2</u>

PTO-1449			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 21763.NP		SERIAL NO. 10/821,407		
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBC	CLASS	FILING DATE IF APPROPRIATE
	Al	4,662,222	05-05-87	Johnson, Steven A.					
	A2	5,588,032	12-24-96	Johnson et al.	_				
	A3	6,005,916	12-21-99	Johnson et al.					
- 1 -	A4	6,587,540	07-1-03	Johnson et al					
	A5	6,636,584	10-21-03	Johnson et al.			•		
				FOREIGN PATENT DOCUMENT	rs				
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUBC	CLASS	TRANSLATION YES NO
OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.) A6 P.R. Williamson, "Tomographic inversion in reflection seismology," Geophys. J. Int. 100, pp. 255-274,								pp. 255-274,	
	A7	W.W. Kim, D.T. Borup, S.A. Johnson, M.J. Berggren, and Y. Ahou, "Accelerated Inverse Scattering Algorithms for Highter Contract Objects," in 1987 IEEE Ultrasonics Symposium, 903-906, (IEEE Cat. No. 87ch2492-7)							
	A8	S.J. Norton, "Iterative Seismic Inversion," Gerphusical Journal, No. 94, pp457-468 (1988)							
	A9	T.K. Sarkar, E. Arkas, and S.M. Rao (1986) "Application of FFT and the Conjugate Gradient Method for the Solution of Electromagnetic Radiation from Electrically Large and Small Conducting Bodies," IEEE Trans. Antennas Propagat., vol. AP-34, pp. 635-640, May.							
	A10	R.J. Wombel and M.A. Fiddy (1988), "Inverse Scattering Within the Distorted-wave Born Approximation," Inverse Problems 4 (1988).							
i	All	Y. Zhou, S.A. Johnson, M.J. Berggren, B. Carruth, and W.W. Kim, "Constrained Reconstruction of Object Acoustic Parameters from Noisy Ultrasound Scattering Data," Proc. of the IEEE 1987 Ultrasonics Symposium pp. 897-901 (1987).							
	A12	Kostas T. Ladas and A. J. Devaney, "Iterative Methods in Geophysical Diffraction Tomography," Inverse Problems 8 (1992).							
	A13	M.J. Berggren, S.A. Johnson, W.W. Kim, D.T. Borup, R.S. Eidens and Y. Zhou, "Acoustic Inverse Scattering Images from Simulated Higher Contrast Objects and from Laboratory Test Objects," Acoustical Imaging 16, Chicago, Illinois, Jun. 1987							
	A14	Acoustical Imaging 16, Chicago, Illinois, Jun. 1987. Brent S. Robinson and James F. Greenleaf, "An Experimental Study of Diffraction Tomography Under the Born Approximation," Acoustical Imaging 18, No. 18, Jun. 1990.							
	A15	M.J. Berggren, S.A. Johnson, B.L. Carruth, W.W. Kim, F. Stenger and P.L. Kuhn, "Performance of Fast Inverse Scattering Solutions for the Exact Helmholtz Equation Using Multiple Frequencies and Limited Views," Acoustical Imaging 15, Halifax, Nova Scotia, Jul. 1986.							
	A16	W.W. Kim, S.A. Johnson, M.J. Berggren, F. Stenger and C.H. Wilcox, "Analysis of Inverse Scattering Solutions from Single Frequency, Combined Transmission and Reflection Data for the Helmholtz and Riccati Exact Wave Equations," Acoustical Imaging 15, pp. 359-369, Plenum Press (1987).							

Sheet $\underline{2}$ of $\underline{2}$

	PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 22027.CIP3.CON2	SERIAL NO. 10/615,569	
	LIST OF PRIOR ART CI	TED BY APPLICANT	APPLICANT Johnson et al.		
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OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	A17		Forward Ultrasonic Scattering from Multidimensional Solid or stic Structures," IEEE Trans. Ultras., Ferro., and Freq. Cont.,				
	A18	E.J. Ayme-Bellegarda, and T.M. Habashy, "Ultrasonic Inverse Scattering of Multidimensional Objects Buried in Multilayered Elastic Background Structures," IEEE Trans. Ultras., Ferro, and Freq. Cont., vol 39, No. 1, Jan. 1992.					
	A19	J.K. Cohen and F.G. Hagin, "Velocity Inversion Using a Stratified Reference," Geophysics, 50, 11, 1985.					
	A20	E. Crase, A. Pica, M. Noble, J. McDonald, and A. Tarantola, "Robust Elastic Nonlinear Waveform Inversion: Application to Real Data," Geophysics, 55, 5 (May 1990).					
	A21	Peter Mora, "Nonlinear Two-dimensional El 52, 9, Sep. 1987.	astic Inversion of Multioffset Seismic Data," Geophysics, vol.				
***	A22	.S. Pan, R.A Phinney and R.I. Odom, "Full-waveform Inversion of Plane-wave Seismograms in tratified Acoustic Media: Theory and Feasibility," Geophysics, vol. 53, 1 (1988).					
	A23		. Franssens, "Calculation of the Elasto-dynamic Green's Function in Layered Media by Means of a lified Propagator Matrix Method," Geophys. J.R. astr. Soc. 1983.				
	A24	B.L.N. Kennett and N.J. Kerry, "Seismic Wapp. 557-583, 1979.	ves in a Stratified Half Space," Geophys. J.R. astr. Soc. 57,				
EXAMINER		/Crystal Leach/	DATE CONSIDERED 06/22/2008				
*EXAMINER	: Initia	if reference considered, whether or not citation is in conform	ance with MPEP 609; Draw line through citation if not in conformance and not				

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